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PTO/SB/05 (03-01)

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	37174/9
First Inventor	Zhang Bio Xu
Title	CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR-B COMPLEX AND USES THEREOF
Express Mail Label No.	EL632298281US

09/903876
07/11/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 29]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 51]

5. Oath or Declaration [Total Pages]

a. Newly executed (original or copy)

b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Copies of IDS
Statement (IDS)/PTO-1449 Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: /

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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Signature	<i>Craig J. Arnold</i>		Date July 11, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



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July 11, 2001

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Name: Craig J. Arnold

Signature:

Assistant Commissioner for Patents
Washington, DC 20231

Box Patent Application

Re: New U.S. Patent Application
Title: CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR- β
COMPLEX AND USES THEREOF
Inventors: Zhang Bio Xu, William S. Somers, Tatos N. Akopian,
Chu-Lai Hsiao and Raymond Unwalla
Our File: 37174/9

Dear Sir:

Pursuant to 37 C.F.R. §1.53, enclosed please find a new U.S. Patent Application in the names of Zhang Bio Xu, William S. Somers, Tatos N. Akopian, Chu-Lai Hsiao and Raymond Unwalla, entitled CRYSTAL STRUCTURE OF ESTROGEN RECEPTOR- β COMPLEX AND USES THEREOF, including the following:

1. Utility Patent Application Transmittal cover sheet (Form PTO/SB/05);
2. a complete patent application, including a specification (24 pages), claims (4 pages), abstract (1 page), and Figures 1-2 (51 sheets); and
3. a return receipt postcard.

This application claims the benefit of U.S. Provisional Application No. 60/217,834 filed July 12, 2000.

Commissioner of Patents

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July 11, 2001

Please acknowledge receipt of the enclosed papers by stamping the enclosed postcard and returning the same to us.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN
Attorneys for Applicants
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Dated: July 11, 2001
New York, New York

By: Craig J. Arnold
Craig J. Arnold, Reg. No. 34,287